

**COMBINED COMPETITIVE EXAMINATION
FOR RECRUITMENT TO THE POSTS OF
PROVINCIAL MANAGEMENT SERVICE - 2021**

SUBJECT: GEOLOGY (PAPER-II)

TIME ALLOWED: THREE HOURS

MAXIMUM MARKS: 100

NOTE:

- i. All the parts (if any) of each Question must be attempted at one place instead of at different places.
- ii. Write Q. No in the Answer Book in accordance with Q. No in the Q. Paper.
- iii. No Page/Space be left blank between the answer. All the blank pages of Answer Book must be crossed.
- iv. Extra attempt of any question or any part of the question will not be considered.

Attempt any Five in all questions. Attempt in Urdu or English

Q1. Discuss Geology of the Permian Sequence of the Salt Range of Pakistan?

Q2. Define basin? Describe different types of basin margins with examples?

Q3. Describe the following:

1. The internal structure of Earth
2. Remote sensing and GIS significance in geology

Q4. What Is fault and its framework? Explain it with the help of sketches. Discuss Different types of faults and their characteristic features?

Q5. Explain the classification of sandstone and its characteristic features?

Q6. What is continental drift theory? Explain it with the help of different evidence

Q7. Define Dam and its types? Discuss geological investigations for the selection of a dam site?

Q8. Write short notes on the following:

1. Cross bedding
2. Geothermal energy
3. Igneous rocks d. landslides

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